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LOGINID:ssseptasel1626

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TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	OCT 04	Precision of EMBASE searching enhanced with new chemical name field
NEWS	3	OCT 06	Increase your retrieval consistency with new formats or for Taiwanese application numbers in CA/CAPLUS.
NEWS	4	OCT 21	CA/CAPLUS kind code changes for Chinese patents increase consistency, save time
NEWS	5	OCT 22	New version of STN Viewer preserves custom highlighting of terms when patent documents are saved in .rtf format
NEWS	6	OCT 28	INPADOCDB/INPAFAMDB: Enhancements to the US national patent classification.
NEWS	7	NOV 03	New format for Korean patent application numbers in CA/CAPLUS increases consistency, saves time.
NEWS	8	NOV 04	Selected STN databases scheduled for removal on December 31, 2010
NEWS	9	NOV 18	PROUSDDR and SYNTHLINE Scheduled for Removal December 31, 2010 by Request of Prous Science
NEWS	10	NOV 22	Higher System Limits Increase the Power of STN Substance-Based Searching
NEWS	11	NOV 24	Search an additional 46,850 records with MEDLINE backfile extension to 1946
NEWS	12	DEC 14	New PNK Field Allows More Precise Crossover among STN Patent Databases
NEWS	13	DEC 18	ReaxysFile available on STN
NEWS	14	DEC 21	CAS Learning Solutions -- a new online training experience
NEWS	15	DEC 22	Value-Added Indexing Improves Access to World Traditional Medicine Patents in CAPLUS

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,  
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 11:31:44 ON 18 JAN 2011

=>

Uploading

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Choice (Y/n):

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Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.23

0.23

FILE 'REGISTRY' ENTERED AT 11:32:00 ON 18 JAN 2011

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 JAN 2011 HIGHEST RN 1259483-08-3

DICTIONARY FILE UPDATES: 17 JAN 2011 HIGHEST RN 1259483-08-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

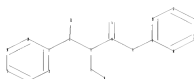
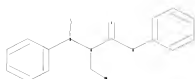
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10559971c.str



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chain nodes :
2 3 4 5 6 7 8 21
ring nodes :
1 9 10 11 12 13 14 15 16 17 18 19
chain bonds :
1-2 2-3 2-21 3-4 3-7 4-5 4-6 5-9 7-8
ring bonds :
1-15 1-19 9-10 9-14 10-11 11-12 12-13 13-14 15-16 16-17 17-18 18-19
exact/norm bonds :
2-21 4-5 4-6 5-9
exact bonds :
1-2 2-3 3-4 3-7 7-8
normalized bonds :
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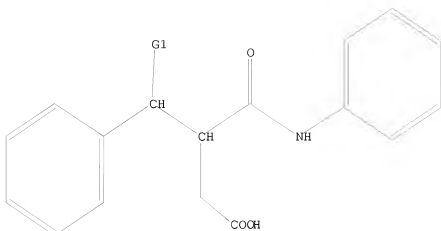
G1:H,CH3

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Match level :
1:Atom 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom
19:Atom 21:CLASS

```

=> d  
L1 HAS NO ANSWERS  
L1 STR



G1 H, Me

Structure attributes must be viewed using STN Express query preparation.

=> s l1  
SAMPLE SEARCH INITIATED 11:32:12 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 178 TO ITERATE  
100.0% PROCESSED 178 ITERATIONS 14 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2760 TO 4360  
PROJECTED ANSWERS: 56 TO 504

L2 14 SEA SSS SAM L1

=> s l1 ful  
FULL SEARCH INITIATED 11:32:14 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 3378 TO ITERATE

100.0% PROCESSED 3378 ITERATIONS 133 ANSWERS  
SEARCH TIME: 00.00.01

L3 133 SEA SSS FUL L1

=> fil caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 196.86 197.09

FILE 'CAPLUS' ENTERED AT 11:32:16 ON 18 JAN 2011  
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FILE COVERS 1907 - 18 Jan 2011 VOL 154 ISS 4  
FILE LAST UPDATED: 17 Jan 2011 (20110117/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L3

L4 9 L3

=> d ibib abs hitstr tot

14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2011 ACS ON STN

ACCESSION NUMBER:

DOCUMENT NUMBER:

TITLE:

INVENTOR(S):

PATENT ASSIGNOR(S):

SOURCE:

DOCUMENT TYPE:

LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

US 20090163545

US 20090163545

US 20090163545

CA 2709784

EP 2229446

At, Ar, Br, Cl, F, I, J, Li, N, O, S, Se, Si, Sn, Ti, V, W, Y, Zn, Zr, H, B, C, D, E, G, H, K, L, M, P, Q, R, S, T, U, X, Y, Z, Aa, Ba, Ca, Cs, Fe, Ni, Pb, Pt, Rh, Ru, Sb, Sr, Te, Th, Ua, Vb, Wb, Yb, Zr

PRIORITY APPL. INFO:

US 2007-163629

US 2007-163629

US 2008-341615

MO 2008-088016

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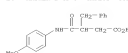
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MO 2008-088016

MO 2008-088016

14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2011 ACS ON STN

(Continued)



US 20090163545

US 20090163545

US 20090163545

CA 2709784

EP 2229446

At, Ar, Br, Cl, F, I, J, Li, N, O, S, Se, Si, Sn, Ti, V, W, Y, Zn, Zr, H, B, C, D, E, G, H, K, L, M, P, Q, R, S, T, U, X, Y, Z, Aa, Ba, Ca, Cs, Fe, Ni, Pb, Pt, Rh, Ru, Sb, Sr, Te, Th, Ua, Vb, Wb, Yb, Zr

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14 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2011 ACS ON STN

ACCESSION NUMBER:

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INVENTOR(S):

PATENT ASSIGNOR(S):

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FAMILY ACC. NUM. COUNT:

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DATE

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US 20090163545

US 20090163545

CA 2709784

EP 2229446

At, Ar, Br, Cl, F, I, J, Li, N, O, S, Se, Si, Sn, Ti, V, W, Y, Zn, Zr, H, B, C, D, E, G, H, K, L, M, P, Q, R, S, T, U, X, Y, Z, Aa, Ba, Ca, Cs, Fe, Ni, Pb, Pt, Rh, Ru, Sb, Sr, Te, Th, Ua, Vb, Wb, Yb



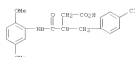
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EP 223444-45			EP 223446-47			
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L4	NUMBER 5 OF 9 CAPLUS COPYRIGHT 2011 ACS ON STN	(Cont'd)
	TH, AL, RM, ME, RE	
PRIORITY APPL. INFO.:	US 2007-16362P	P 20071221
	US 2008-23801P	P 20080125
	US 2008-341615	20081222
	WO 2008-088016	W 20081222

**ABSTRACT** HISTORY FOR US PATENT AVAILABLE IN LOUIS DISPLAY FORMAT  
The invention discloses a method for altering the lifespan of a eukaryotic organism. The method comprises the steps of providing a life-span-altering compound, and administering an effective amount of the compound to a eukaryotic organism, such that the lifespan of the organism is altered. In one embodiment, the compound is identified using the lead assay. [78]  
**abstract**  
This document contains information required by the Patent Act.  
This record is one of 20 records for this document necessitated by the large size of the document and the number of entries required to fully index the document and publication  
system constraints.

IT 373224-55-3  
R3M (Pharmacological activity); R3H (Biological study)  
Method used life-span-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)  
373224-55-3

R3I 3 Benzenebutanoic acids, 4-hydroxy-2-[(1E,2E)-dimethylpent-1-en-1-yl]-, salts, and derivatives; 373224-55-3



08.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS  
RECORD

L4 AMMEX 6 OF 9 CAPLUS COPYRIGHT 2011 ACS on STM  
 ACCESSION NUMBER: 2008:979133 CAPLUS  
 DOCUMENT NUMBER: 149:259472  
 TITLE: Enhancement of innate resistance to infection  
 REFERENCE(S): Sutula, Mark A.; Lubnick, Kirk J.  
 PATENT ASSIGNOR(S): Montana State University, USA  
 SOURCE: PCT Int. Appl., 47pp.  
 CODES: P14002  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

14 ANSWER 6 OF 9 CAPLOS COPYRIGHT 2011 ACS on STN (Continued)

[illegible]

OTHER SOURCE(S): MARPAT 149-258472

AN	The present invention provides compounds and methods that enhance the innate immune system. The present invention comprises methods of preventing, treating or ameliorating an infectious disease comprising administering said compounds to a subject. The invention also comprises methods of formulating and administering said compounds. Treatments of alveolar macrophages with GM-CSF receptor antagonist sargolastatins induced alveolar macrophage killing of Q-fever <i>Coxiella burnetii</i> (3000).
BT	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 8



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE



14 ANNEX 7 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 20041079730 CAPLUS  
 DOCUMENT NUMBER: 147448488  
 TITLE: Small molecule compounds as protein kinase regulators, activators and inhibitors  
 INVENTOR(S): Bland, Khanday Angel, Matthias  
 PATENT ASSIGNEE(S): Phosphatase GmbH, Germany  
 SOURCE: Eur. Pat. Appl., 32 pp.  
 COUNTRY: DEUW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACQ. REG. COUNT: 2  
 PATENT INFORMATION(S):

PATENT NO.	KIND	DATA	APPLICATION NO.	DATE
EP 1484488	A1	20041215	EP 2003-90177	20030630
EP 1484488	B3	20091030		
AT 446393	A1	20091115	AT 2003-90177	20030630
NO 200411008	A1	20041215	NO 2004-EP4260	20040630
MO 200411008	A1	20050371		
W: AU, AG, AL, AM, AR, AT, AU, BA, BE, BG, BR, CA, CH, CN, CO, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IL, IN, JP, KR, LI, LU, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, TR, TW, UA, US, VE, YU, ZA				
PM: AR, BR, GB, GR, HU, IL, IN, JP, KR, LI, LU, NL, NO, NZ, PL, PT, RO, RU, SE, SI, SK, TR, TW, UA, US, VE, YU, ZA				
EP 20070208	A1	20070208	EP 2004-55971	20040727
PROGINT APPAL. REG.			EP 2003-90177	20030630
			MO 2004-EP4260	20040630

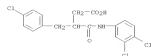
OTHER SOURCE(S): MARPAT 14162692  
 The invention relates to a compound AR1C(O)S(R2)CR(R3)YAr2 (I), Ar2 =  
 - Ph, naphthyl, heterocycle; X = valence bond, CH2, NH, O; Z = CH, N; Y = valence bond, CH2; R1 = H, Me; R2 = COOEt, CON, Q = valence bond, Cl-3-allylamine, wherein one or two non-adjacent methylamino units of Q are replaced by O, S, NH, as a protein kinase regulator, activator and inhibitor, and a pharmaceutical composition containing 3 or its pharmaceutically acceptable salts. The compounds are useful for the treatment of diseases associated with protein kinase, in particular AOC kinase, such as cancer and type II diabetes.  
 IT 32412-83-4P 807331-52-EP  
 R1: PKC (Pharmacological activity); SPN (Synthetic preparation); TMD (Therapeutic use); BLOL (Biological study); PREP (Preparation); USGS (Uses).  
 Preparation and coagents of small mol. compds. as protein kinase regulators, activators and inhibitors for therapeutic uses)

14 ANNEX 8 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 198919819 CAPLUS  
 DOCUMENT NUMBER: 11758829  
 ORIGINAL REFERENCE NO.: 11915861,15846  
 TITLE: Model copolymerization reactions. Evidence against concerted complex addition to reactions of simple alkyl radicals with N-phenylmaleimide and donor olefins  
 AUTHOR(S): Fremont, Glenn S.; Jones, Sharon A.; Tittel, David A.  
 CORPORATE SOURCE: Dep. Chem., Carnegie-Mellon Univ., Pittsburgh, PA, 15213, USA  
 SOURCE: Macromolecules (1989), 22(2), 770-5  
 COUNTRY: USA; ISSN: 0024-9297  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB: Reductive denaturation was used to generate the 3-bu and benzyl radicals in mixts. of N-phenylmaleimide (I) and either of the donor olefins styrene or 2-thienyl-1-vinyl ether. In each case, the major products of the reaction were derived from simple addition of the radical. 2 followed by transfer of a H atom to the initial adduct. Careful mass balance on 1 showed that mechanism other than simple addition did not constitute important pathways for monomer consumption. These results argue against mechanistic schemes involving the formation of a 3:1 monomer complex add in a concerted manner to growing macro radicals.  
 IT 11759-31-4P, 2,3-bis(phenylamino) acid monophenylamide, R1: NCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); BACT (Reactant or reagent)  
 Preparation and application of)  
 NO 11759-31-4 CAPLUS  
 GB Benzenesulfonamide,  $\beta$ -(phenylamino)carboxyl- $\alpha$ -phenylethynyl- (I) (CA INDEX NAME)

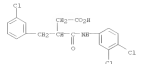


OS.CITING REF COUNT: 16 THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)

14 ANNEX 7 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)  
 NO 32412-83-4 CAPLUS  
 CN Benzenesulfonamide acid, 4-chloro- $\beta$ -(1(1,4-dichlorophenyl)amino)carboxyl- (I) (CA INDEX NAME)



NO 807331-52-8 CAPLUS  
 CN Benzenesulfonamide acid, 3-chloro- $\beta$ -(1(1,4-dichlorophenyl)amino)carboxyl- (I) (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE 12 FORMAT

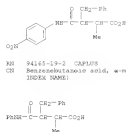
14 ANNEX 9 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 196419412 CAPLUS  
 DOCUMENT NUMBER: 6019412  
 ORIGINAL REFERENCE NO.: 6019404-6  
 TITLE: Disubstituted succinic acids and their derivatives.  
 AUTHOR(S): Joshi, K.; Sankar, A. S.; Ghate, R. V.; Rhile, D. V.  
 CORPORATE SOURCE: Sri Parasashramba Coll., Poona, India  
 SOURCE: Journal of the University of Bombay, Section: Physical Sciences, Mathematical, Biological Sciences and Medicine (1962), Volume Date 1961-1962.  
 NO 1010-53, 5-9  
 COUNTRY: INDIA; ISSN: 0368-4444  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable  
 AB: of. CM 52, 109470. Di-*tert*-phenylmaleimide (79 g.) was added in small portions to 50 g. powdered Na in 75 ml. dry xylene. After reaction was complete, 5.0 g. H<sub>2</sub>  $\alpha$ -bromolaurate was added, and the mixture heated until neutral. After workup, 15 g. tri-*tert*-ester was obtained, which was treated with 50 ml. 50% a/c. KOH. After removal of the alc. by distillation, the residue was diluted with H<sub>2</sub>O and extracted with ether. Acidification of the aqueous solution, followed by boiling with HCl gave in low yield  $\alpha$ -decyl- $\alpha$ -phenylsuccinic acid, m. 156-7° (mptr. ether, b. 60-65°/mm.  $\alpha$ -amide m. 164°). Similarly prepared were:  $\alpha$ -isopropyl- $\alpha$ -benzylsuccinic acid, m. 142° (monomallide m. 145°); mono-*p*-chloroallide m. 150°; mono-*p*-methoxyallide m. 147°, diallide m. 137°, di-*tert*- $\alpha$ -isopropyl- $\alpha$ -benzyl- $\alpha$ -carboxysuccinate, m. 240-250°;  $\alpha$ -decyl- $\alpha$ -benzylsuccinic acid (I), m. 104-6° (monomallide m. 135°); mono-*p*-chloroallide m. 165°; mono-*p*-methoxyallide m. 137°; diallide m. 61-5°; monomallide m. 115°; di-*tert*-ester b.p. 245-70°; hydride m. 372°; from tri-*tert*- $\alpha$ -decyl- $\alpha$ -benzyl- $\alpha$ -carboxysuccinate, m. 241-4°;  $\alpha$ -isopropyl- $\alpha$ -[ $\beta$ -phenylethynyl]succinic acid, m. 168-9°;  $\alpha$ -decyl- $\alpha$ -[ $\beta$ -phenylethynyl]succinic acid (II), m. 114-15° (monomallide m. 147°); mono-*p*-chloroallide m. 150-5°; mono-*p*-methoxyallide m. 161-7°; mono-*p*-nitroallide m. 125-6°; anilide m. 53-4°; di-*tert*-ester b.p. 215-20°). A mixture of 3 g. II and 15 ml. concentrated HNO<sub>3</sub> (d. 1.4) was heated 5 min. at 105°, the solution poured on ice, and the solid filtered off and washed with H<sub>2</sub>O to give  $\alpha$ -decyl- $\alpha$ -[ $\beta$ -nitrophenylethynyl]succinic acid, m. 130-3° (OHM). (mono-*p*-chloroallide m. 145-7°;  $\alpha$ -decyl- $\alpha$ -aminoallide m. m. 227° (decomposes), was prepared in low yield by condensation of di-*tert*-aminoallide with Et  $\alpha$ -bromolaurate. The following derivative of phenylsuccinic acid (II) were prepared: monomallide, m. 178-7°; mono-*p*-nitroallide, m. 161°; mono-*p*-methoxyallide, m. 154°; mono-*p*-nitroallide, m. 150-7°; monomallide, m. 145°; hydride, m. 174-5°. The following derivative of  $\alpha$ -methyl- $\alpha$ -phenylsuccinic acid (IV) were prepared: monomallide, m. 164°; mono-*p*-chloroallide, m. 6-8°; mono-*p*-methoxyallide, m. 160-7°; mono-*p*-nitroallide,

14 ANNEK 9 OF 9 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

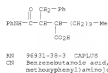
n. 173-47; anilide, n. 193-48; di-*tert*-ester, n. 194-49; hydrazide, n. 140\*. The following deriva. of  
 Euryloacetic acid (V) were prep'd: monoanilide, n. 174\*;  
 mono-*p*-chloroanilide, n. 199; mono-*p*-methoxyanilide, n.  
 164\*. The following deriva. of  
 α-methyl-α'-benzylsuccinic acid (VI) were prep'd: monoanilide,  
 n. 175; mono-*p*-chloroanilide, n. 200; mono-*p*-methoxyanilide, n. 199; mono-*p*-nitroanilide, n.  
 171-47; dianilide, n. 198-49; hydrazide, n. 177-48;  
 monoamide, n. 94\*. Rele. (LAIH) of the acids I-VI gave, resp.,  
 4-phenyl-3-hydroxymethyl-2-decylsuccinyl, n. 235\*;  
 5-phenyl-3-hydroxymethyl-2-decylsuccinyl, n. 237-5\*;  
 3-phenyl-3-hydroxymethyl-2-decylsuccinyl, n. 237-5\*;  
 115-124; 4-hydroxy-3-phenyl-2-methylsuccinyl, n. 235\*;  
 [bis-(*p*-nitrophenyl)] n. 115-147; 3-phenyl-3-hydroxymethylsuccinyl,  
 n. 5 147-47; 4-phenyl-3-hydroxymethyl-2-methylsuccinyl, n. 7  
 210\*. Also prep'd. were α-isopropyl-α'-  
 benzylsuccinic acid, n. 185-47; di-*tert*-  
 α-methyl-α'-benzyl-α'-cyanoacetate, n. 225\*;  
 di-*tert*-α-decyl-α'-benzyl-α'-cyanoacetate, n. 226\*;  
 228\*. Some deriva. (unspecified) possessed tuberculatoc  
 ant activity.

IT 9380-22-2P, Succinamide acid, 3-benzyl-2-methyl-4'-nitro-(7)  
 9413-19-2P, Succinamide acid, 3-benzyl-2-methyl-(7)  
 9414-15-2P, Succinamide acid, 3-benzyl-4'-chloro-2-isopropyl-(7)  
 9417-14-2P, Succinamide acid, 3-benzyl-2-isopropyl-(7)  
 9517-13-2P, Succinamide acid, 3-benzyl-4'-chloro-2-methyl-(7)  
 9517-13-2P, Succinamide acid, 3-benzyl-4'-methoxy-2-methyl-(7)  
 9517-13-4P, Succinamide acid, 3-benzyl-2-decyl-(7)  
 9417-13-2P, Succinamide acid, 3-benzyl-2-decyl-4'-methoxy-(7)  
 9414-15-2P, Succinamide acid, 3-benzyl-2-isopropyl-4'-methoxy-(7)  
 9417-14-2P, Succinamide acid, 3-benzyl-4'-chloro-2-decyl-(7)  
 Re. Prep (Preparation of)

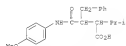
9380-22-2 CAPLUS  
 CH Benzenebutanoic acid, α-methyl-β-[[[4-nitrophenyl]amino]carbonyl]- (CA INDEX NAME)



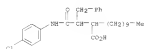
14 ANNEK 9 OF 9 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)



9417-13-4 CAPLUS  
 CH Benzenebutanoic acid, α-decyl-β-[[[4-methoxyphenyl]amino]carbonyl]- (CA INDEX NAME)

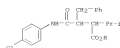


9417-13-4 CAPLUS  
 CH Benzenebutanoic acid, α-decyl-β-[[[4-methoxyphenyl]amino]carbonyl]- (CA INDEX NAME)



14 ANNEK 9 OF 9 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

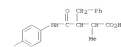
94544-35-1 CAPLUS  
 CH Benzenebutanoic acid, β-[[[4-(chlorophenyl)amino]carbonyl]-α-(1-methylethyl)- (CA INDEX NAME)



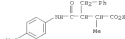
94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)



94577-14-7 CAPLUS  
 CH Benzenebutanoic acid, α-(1-methylethyl)-β-[[[4-(chlorophenyl)amino]carbonyl]- (CA INDEX NAME)

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

54.16

251.25

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-7.83

-7.83

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